

TABLE 2.—Data furnished by the Canadian Meteorological Service, January 1935

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure			Temperature of the air						Precipitation		
		Station reduced to mean of 24 hours	Sea level reduced to mean of 24 hours	Depart- ure from normal	Mean max. + mean min. +2	Depart- ure from normal	Mean maxi- mum	Mean mini- mum	Highest	Lowest	Total	Depart- ure from normal	Total snowfall
	Feet	In.	In.	In.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	In.
Cape Race, Newfoundland.....	99												
Sydney, Cape Breton Island.....	48												
Halifax, Nova Scotia.....	88	29.74	29.85	-0.12	20.6	-1.2	28.8	12.5	51	-10	7.55	+1.75	22.0
Yarmouth, Nova Scotia.....	65												
Charlottetown, Prince Edward Island.....	38												
Chatham, New Brunswick.....	28												
Father Point, Quebec.....	20	30.05	30.08	+1.10	3.9	-4.1	11.7	-3.9	37	-22	2.20	-.65	21.4
Quebec, Quebec.....	296												
Doucet, Quebec.....	1,236												
Montreal, Quebec.....	187												
Ottawa, Ontario.....	236	29.89	30.18	+1.15	6.9	-2.7	15.6	-1.8	42	-24	3.40	+1.41	23.3
Kingston, Ontario.....	285	29.82	30.16	+1.11	13.8	-3.3	23.2	4.5	42	-18	3.68	+1.23	13.7
Toronto, Ontario.....	379	29.74	30.17	+1.12	20.8	-.6	28.2	13.3	46	-11	2.96	+1.04	11.3
Cochrane, Ontario.....	930												
White River, Ontario.....	1,244	28.72	30.13	+1.12	-5.7	-5.3	9.7	-21.1	34	-61	3.22	+1.53	32.2
London, Ontario.....	808												
Southampton, Ontario.....	656	29.39	30.14	+1.11	20.3	-.2	27.2	13.5	40	-19	4.20	-.60	21.2
Ferry Sound, Ontario.....	688	29.40	30.15	+1.14	17.8	-2.6	25.4	10.2	42	-16	3.45	-.60	28.7
Port Arthur, Ontario.....	644	29.42	30.19	+1.12	10.0	-3.8	19.4	7	40	-33	3.93	-.15	36.5
Winnipeg, Manitoba.....	760	29.33	30.24	+1.13	2.7	-.4	11.5	-6.0	37	-35	2.07	+1.25	20.7
Minnedosa, Manitoba.....	1,690	28.27	30.24	+1.14	-7.6	-.8	1.6	-16.9	28	-43	1.61	+1.73	16.1
Le Pas, Manitoba.....	860		30.27		-7.2	.0	2.3	-16.7	40	-40	1.84	+1.04	18.4
Qu'Appelle, Saskatchewan.....	2,115	27.70	30.11	+1.03	-14.8	-.7	-7.4	-22.2	36	-46	.58		5.8
Moose Jaw, Saskatchewan.....	1,759				-4.5	-.7	4.1	-13.1	45	-42	1.92	+1.42	19.2
Swift Current, Saskatchewan.....	2,392	27.43	30.12	+1.03	-1.1		9.0	-11.2	45	-40	1.48		14.8
Medicine Hat, Alberta.....	2,365	27.45	30.06	-.01	2.0	-1.1	12.8	-8.8	42	-40	1.65	+1.01	16.4
Calgary, Alberta.....	3,540	26.21	30.09	+1.06	4.4	-1.1	15.2	-6.3	43	-38	2.10	+1.53	21.0
Banff, Alberta.....	4,521				7.3	-1.1	19.4	-4.8	52	-38	1.19	+1.66	11.9
Prince Albert, Saskatchewan.....	1,450												
Battleford, Saskatchewan.....	1,592	28.35	30.22	+1.14	-12.8	-6.9	-2.8	-22.9	28	-55	.85	+1.45	8.5
Edmonton, Alberta.....	2,150												
Kamloops, British Columbia.....	1,262												
Victoria, British Columbia.....	230	29.62	29.88	-.09	38.7	+1.2	42.5	35.0	56	10	13.28	+7.89	10.0
Barkerville, British Columbia.....	4,180												
Estevan Point, British Columbia.....	20												
Prince Rupert, British Columbia.....	170												
Hamilton, Bermuda.....	151												

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Cape Race, Newfoundland.....	99				28.2		33.7	22.6	48	7	4.27		22.6
Sydney, Cape Breton Island.....	48	29.69	29.74	-0.15	25.8	-2.4	31.3	20.3	54	12	4.14	-0.49	24.0
Halifax, Nova Scotia.....	88	29.59	29.70	-.26	23.3	-4.3	28.8	17.8	57	4	6.08	+1.96	11.6
Yarmouth, Nova Scotia.....	65	29.79	29.86	-.12	28.1	-2.6	33.4	22.8	59	12	5.64	+1.87	25.4
Charlottetown, Prince Edward Island.....	38	29.73	29.77	-.17	19.1	-5.2	25.4	12.8	56	-1	4.49	+1.83	37.6
Chatham, New Brunswick.....	28	29.74	29.78	-.16	12.0	-5.0	21.6	2.4	44	-15	2.21	-1.01	17.3
Father Point, Quebec.....	20	29.88	29.91	-.04	12.2	-3.2	18.0	6.5	46	-8	2.35	-.48	19.1
Quebec, Quebec.....	296	29.66	30.00	-.01	11.8	-3.4	18.0	5.7	44	-12	3.24	-.45	23.9
Kingston, Ontario.....	285	29.72	30.06	+1.02	20.1	-3.6	27.5	12.7	52	-10	2.35	-.89	9.3
Moose Jaw, Saskatchewan.....	1,759				12.0		20.5	3.6	48	-31	.45		4.5
Calgary, Alberta.....	3,540	26.26	30.08	+1.14	19.5	+1.3	27.8	11.2	58	-28	.26	-.33	2.6
Edmonton, Alberta.....	2,150	27.70	30.12	+1.12	9.2	-3.9	16.9	1.5	42	-35	.82	+1.08	7.7
Kamloops, British Columbia.....	1,262	28.86	30.20	+1.16	26.4	-2.5	30.3	22.4	42	-6	1.06	+1.28	8.0
Estevan Point, British Columbia.....	20				42.5		47.4	37.5	54	30	18.01		27.8
Prince Rupert, British Columbia.....	170				36.1		41.1	31.1	60	12	7.81		1.4
Hamilton, Bermuda.....	151	29.93	30.10	-.02	64.6	-.1	69.2	60.0	78	50	5.62	+1.13	.0

SEVERE LOCAL STORMS, JANUARY 1935

(Compiled by Mary O. Souder)

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path (yards)	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Beadle County, S. Dak.....	2-3	9:15 p. m., 2d to a. m., of 3d.		2		Wind, dust, and cold wave.	High northwest wind, accompanied by severe local dust storm and rapidly falling temperature, caused the death of 2 boys, 6 and 11 years of age, when they lost their way enroute home from a neighboring farm about one-half mile distant, on open prairie 10 miles northeast of Huron.	Official, U. S. Weather Bureau.
Stamps, Ark.....	7					Wind.....	3 persons injured; considerable damage to roofs of buildings.	Do.
Alpena, Mich.....	12-13					Snow.....	9 inches of snow fell in 24 hours; rural roads blocked for several days.	Do.
Baltimore, Md.....	14					Gale.....	Old shed 70 by 900 feet and an unoccupied lumber shed demolished; house damaged by an up- rooted tree and a number of homes slightly damaged.	Do.

SEVERE LOCAL STORMS, JANUARY 1935—Continued

Place	Date	Time	Width of path (yards)	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Grand Rapids, Mich.....	16	P. m.				Sleet.....	Sleet froze to windshields of automobiles; several motor accidents reported; traffic delayed; in many cases bus and truck schedules were canceled.	Do.
Lancaster, Wis.....	16				\$7,000	Glaze.....	Main damage to wires.....	Do.
Southern and central Michigan.....	16-17					Sleet and glaze.....	Highway transportation greatly interrupted; numerous accidents reported.	Do.
Buffalo and western New York.	17			1		Wind and glaze.....	Freezing rain at Buffalo from 1:15 to 6:15 a. m., and average hourly wind velocity of over 50 miles from 9 a. m., to 3 p. m.; several persons injured; no air traffic from the Buffalo Airport; Grand Island Ferry unable to run due to an ice jam; considerable damage to telephone lines in outlying districts. This storm was general, severe weather conditions being felt throughout the Buffalo area and western New York.	Do.
Northern Delta counties, Miss.	17-23			29	4,500,000	Excessive rain and flood.	Loss estimated includes expenditures for relief and property damage.	Do.
Louann, near, Ark.....	19				1,500	Wind.....	Several oil derricks blown down and small buildings damaged.	Do.
Oklahoma City, Okla., and vicinity.	19-20	P. m.			1,000	Glaze.....	Damage to electric wires and poles.....	Do.
St. Louis, Mo.....	20	do.				Sleet.....	An inch of sleet, unmelted, fell during the night and remained on the ground in measurable depths for about a week; traffic interrupted.	Do.
Freeport, Ill.....	20				500	do.....	Scattered damage to trees, shrubbery, and wires.	Do.
Pontotoc County, Miss., northeastern portion.	20	P. m.				Wind.....	Farm buildings and tenant house damaged.....	Do.
Galveston, Tex.....	20-21	do.			125,000	Heavy rain, sleet and snow.	These conditions, preceded by low temperature, caused the loss of 1,500 cattle for which there was no shelter; water pipes and automobile radiators frozen; many fish in the waters of this vicinity stunned or killed by the freeze.	Do.
Southwestern Counties, Tenn.	20-21			2	400,000	Rain and flood....	Many towns isolated; practically all highway traffic into Memphis and a number of other cities in the area halted on the 21st due to washed-out roads and bridges and inundated highways; railroads in some instances were caused to detour traffic hundreds of miles; air traffic inconvenienced by flooded airports; many homes flooded over a wide area; large number of livestock died; thousands of dollars' of feed lost when barns were destroyed; steamboats and other river craft torn from their moorings on Wolf River; in the vicinity of Memphis alone the damage will exceed \$300,000 plus an additional \$100,000 for the repairs of State Highway bridges; 2 persons drowned at Jackson.	Do.
Eastern Shore, Md.....	22-23					Glaze.....	Much damage to wires and trees.....	Do.
Pennsylvania, eastern portion.	22-23					Snow and wind....	One of the heaviest snowstorms in this section in recent years; main highways closed for 2 days or more because of drifts and some secondary roads not opened to traffic for a week or more; trains delayed.	Do.
Atlantic City, N. J., and vicinity.	22-24	12:30 a. m., of 22d—6:40 a. m., of 24th.				Rain, sleet and snow.	This was one of severest sleet storms in this vicinity; in Northfield, N. J., the street railway service was practically suspended for 4 days.	Do.
Sandy Hook, N. J.....	22-24					Snow.....	Most severe snowstorm of record at this station; northeast gales caused drifting of from 2-6 feet and all roads on Sandy Hook blocked; no traffic on or off the Hook on the 24th; mail delayed and schools suspended for several days.	Do.
Jacksonville, Fla.....	23	7:56-9:05 a. m.				do.....	Heaviest snowfall since 1899.....	Do.
Between 5-fathom Lightship and Fenwick Island, Va.	23	P. m.	1 300	13	120,000	Wind.....	3 barges from Norfolk to New York, caught in high wind and unable to weather the storm, were lost.	Do.
Lower Hudson Valley and Long Island, N. Y.	23			4		Heavy snow.....	Heavy drifts blocked highways causing much delay to automobile and bus traffic; 4 deaths reported in New York.	Do.
Richmond, Va.....	23					Glaze.....	Considerable damage to wires, trees and highways; sidewalks slippery.	Do.
Nantucket, Mass.....	23-24	9:45 a. m., of 23d—2 a. m. of 24th.				Sleet.....	Unusually heavy sleet storm, 10.9 inches being recorded; all woodwork coated with half an inch of ice; no damage to wires.	Do.
Maryland, northern portion..	23-24					Snow and wind....	Depth of accumulated snow from the 15th to 23d from 10 to 18 inches; strong winds caused drifts several feet high blocking roads and stalling traffic.	Do.
Havre, Mont.....	24				2,000	Wind.....	A strong chinook wind rapidly melted the snow cover east of the Divide and in Hill County caused the flooding of Bull Hook Creek; streets and basements flooded; damage estimated for Havre alone.	Do.
James River, Va., vicinity of.	24-25				110,000	Rain and flood....	Flood waters in the James River damaged property and prospective crops to the extent of \$10,000; freezing and thawing damaged State highways to the extent of approximately \$100,000.	Do.

1 Miles instead of yards.

